

NC STATE UNIVERSITY

2002-2003

ANNUAL REPORT

College of Design



College of Design
ANNUAL REPORT
for the 2002-2003 academic year



The North Carolina State University College of Design, established in 1948 as the School of Design, is devoted to excellence in education, scholarship and practice. It is a community dedicated to imparting grace, delight and dignity to the endeavors of humanity. In a unique interdisciplinary design environment, instruction is offered across five disciplines, Architecture, Art + Design, Graphic Design, Industrial Design and Landscape Architecture, and 11 degree programs. In its 55th year, the college reflects on its core character and its ability to ACHIEVE status as a center of influence. Let us explore the central themes that so inspire this community's ability to touch the world ...

On the occasion of its 55th anniversary, this report presents
55 Ways the College of Design is Changing the World

Vision Education Innovation
Collaboration Extension



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Values *Enterprise* *Service*
People *Energy* *Traditions*

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Pamela Christie-Tabron, Administrative Secretary

Fundamentals

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School of Architecture

Thomas Barrie, Director
Patrick Rand, Assistant Director
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Chandra Cox, Chair

Graphic Design

Denise Gonzales Crisp, Chair
Cheryl Eatmon, Administrative Secretary to Graphic Design, Industrial Design

Industrial Design

Bryan Laffitte, Chair

Landscape Architecture

Achva Benzinberg Stein, Chair
Gloria Hinton, Administrative Secretary to Landscape Architecture, Art + Design, Fundamentals

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David Stein, Extension Specialist in Planning
Dr. Nancy White, Extension Specialist in Landscape Ecology
Kat Oury, Research Associate in Community Development
Michael Holmes, Research Associate and Laboratory Manager

Natural Learning Initiative

Robin Moore, Director
Nilda Cosco, Education Specialist

Center for Universal Design

Laurie Ringaert, Director
Richard Duncan, Coordinator of Training
Molly Story, Coordinator of Universal Design Research
Leslie Young, Coordinator of Design Services
Sally Haile, Director of Information Services

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Vision

Education at the College of Design is firmly rooted in a philosophy of design excellence with a conscience. It is a community that combines practice and scholarship with a commitment to citizenship.

Alumni and friends generously support the College of Design's aspiration to become a center of influence. The college's record year of fundraising in 2002-03 (\$2.4 million) will support scholarships, diversity, community service and student innovation.

Design is a global profession. By the time they graduate, 37.5 percent of all College of Design undergraduates have participated in an official study abroad program (the national average is about nine percent), enriching their perspective and future design work.

MESSAGE FROM THE DEAN

Between the traditions of the humanities and the sciences a third domain is emerging. It is the domain of design knowledge. The College of Design seeks to become a center of influence within this evolution.

The formation of the American University is a result of the combination of intellectual traditions that have evolved over centuries. The development of the humanities, as we know them, come to us from English and French traditions, and these have profoundly affected the study of design. Similarly, the research culture and the incorporation of industrialization into curricular experiences owe much to German academic traditions. This tradition underlies the influence of the Bauhaus in America. The College of Design was the first American public institution to adapt the Bauhaus model in the late 1940s.

The American land grant tradition instills within the University a sense of social responsibility that extends beyond the boundaries of the campus. The common ground among these traditions has been identified as the province of the creative class. However, this characterization only represents the most apparent outcome of a new domain of knowledge. The most distinct indicator of this domain lies in its approach to the existing world. Such an approach is defined by how things could be rather than by an ever-finer grain of detail of how things are. This represents the exploration of simultaneous operating and interactive hypotheses rather than the pursuit of a single hypothesis operating in isolation. It is a discipline that tests by seeking the most desirable, rather than by seeking a true or false conclusion.



In one situation reality is explained, in the other reality is changed. Just as a balance has been reached between the hard and soft attitudes of the sciences and humanities, now a new balance must be sought in a three-part relationship among science, humanities and design knowledge bases.

The proof of this concept of a domain of design knowledge requires the most advanced curricular developments and the commitment to advanced research and scholarship only possible through Ph.D. and professional doctoral work. It is equally necessary that the academy and the design professions collaborate in the recording and building of a knowledge base from intellectual capital accumulated through practice. The connection to the extension division of the University is an especially important characteristic of this endeavor. In each of these areas the College of Design must assert leadership if it is to be the center of influence of its aspirations.

The report that follows is a record of the accomplishments of the past year. It documents successes and challenges that represent a domain of design knowledge. It demonstrates the College of Design's potential for far-reaching leadership.

Marvin J. Malecha, FAIA
Dean

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College of Design alumni are agents of change in society. They help define the college through their involvement in the world as good citizens and design professionals.

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Major equipment purchases advance the skills that students will need in the future. In 2003, examples include a 3-D printer to produce physical study and presentation models at the IT Laboratory, a computer-controlled laser cutter for model building at the Materials Shop, and a modern descendant of the Jacquard loom. And students often prove innovative, like ones who fashioned their own lathe to complete a project.

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Students design and make things through an analytical and synthetic process that values many right answers to the same problem and accounts for the subjective contribution of the makers.



YEAR ESTABLISHED: 1948 (with opening of School of Design). The study of architecture at NC State University began as architectural engineering in the early part of the 20th century.

STUDENTS: 160 undergraduate, 88 graduate

DEGREES: B.Arch., BEDA, M.Arch.

FACULTY: (L-R top) Peter Batchelor, Patrick Rand (associate director), Dr. Kristen Schaffer, Thomas Barrie (director), Roger Clark, Wendy Redfield, Wayne Place; (L-R bottom) Dr. Fatih Rifki (associate dean), Georgia Bizios, Jeremy Ficca, Frank Harmon and Gail Borden.

Not pictured are Dr. Paul Tesar, Henry Sanoff, Dr. John Tector and Marvin J. Malecha.

ARCHITECTURE



Fellows are leaders of architecture. The School of Architecture has more full-time faculty members who have been elevated to Fellowship in the American Institute of Architects than any of its peer programs across the country. There are six full-time faculty members with FAIA designations, and three more part-time and adjunct professors who also hold the title.



The School of Architecture won the NCARB Prize competition for "exceptional efforts to integrate practice and education within the academy."



The Graphic Design Department's graduate program was rated as seventh in the nation by *U.S. News & World Report* in 2003.

The School of Architecture was among six winning programs nationally to receive awards in the NCARB Prize competition for "exceptional efforts to integrate practice and education within the academy." In addition to the recognition, the school received a \$7,500 award. Submissions explored topics as wide-ranging as sustainable design, community outreach and technology integrated into the studio. NCARB is the National Council of Architectural Registration Board.

The School of Architecture conducted two retreats during the year. The faculty approved changes to the BEDA and B.Arch. curriculums. They also supported the idea of an internship program and a summer program in Prague, and endorsed developing detailed proposals for each. The faculty supported the goal of establishing a community outreach studio in Raleigh or some other urban location in the next five years. They also supported establishing a year-round program in Prague provisionally titled "The Prague Institute."

The Campus Design Studio included Michael Dennis and Kevin Hart as guest critics who visited campus on a number of occasions to work with the students and participate in reviews. Michael Dennis also gave a lecture that was part of the lecture series. Final review critics included Charlie Menafee and Ray Huff. The School of Architecture 2002-03 Lecture Series included the following: Billie Tsien, Brigitte Shim, James Carpenter, Steve Christer, Peter Bohlin and Enrique Norton for the Harwell Hamilton Harris Lecture.

A dinner attended by more than 20 faculty and friends of the School of Architecture was held at Caffé Luna following the Harwell Hamilton Harris lecture. The AIA NC held its spring board meeting at the college. The state chapter of

the American Planning Association held a workshop in May at the School of Architecture that included presentations by a number of faculty. The Interview Days this year included a meet-and-greet poster session in Belk Rotunda.

Accomplishments of faculty this year are numerous. Dean Marvin Malecha, FAIA, received the prestigious AIA/ASCA Topaz Medallion. Patrick Rand received the Alumni Distinguished Graduate Professor Award from the College of Design. Dr. Fatih Rifki was elected president of the Architecture Research Centers Consortium. Henry Sanoff received the Lifetime Service Award from the Environmental Design Research Association and published *Three Decades of Design and Community*. Thomas Barrie received an ACSA Creative Achievement Award and an Honor Award from the Detroit AIA. Frank Harmon received an AIA NC design award, as did a number of visiting faculty. The College of Design was represented significantly at the Art of Architecture exhibition at the Duke University Museum of Art.

Faculty conducted a number of community outreach projects. Peter Batchelor conducted a graduate studio to design a Heritage Trail and Museum of Industrial Technology for the city of Dundalk, Md. Jeremy Ficca team-taught the multidisciplinary Enkeboll Project. Visiting professor Bryan Bell ran an undergraduate studio in the fall that designed and built a washroom facility for migrant workers on a farm in Eastern North Carolina. He also conducted a funded urban design project for the town of Seaboard in the spring. Visiting professor Steve Gaddis ran a community design studio for an East Durham neighborhood in the fall.

Architecture students produced the first issue of *THEEGG*, a publication to be produced each semester with issues probing particular themes. Its stated mission: "*THEEGG* is an attempt to incite students, architects, artists and community members in a rejuvenated dialogue concerning our built environment."



Education continues for graduates, who return to the college for lifelong learning programs including regular architecture workshops, an entrepreneurship seminar for designers with the Emerging Issues Forum and an Early Childhood Outdoors Design Institute.



Graduates of the Anni Albers Scholars Program, the first of its kind in the country, are changing the face of the textile industry. A spring 2003 fashion show featuring the work of 14 student designers highlighted designs of embroidery, screen printing, hand-manipulation of fabric, beading, knitting, synthetic fibers, deconstruction and reconstruction of clothing, fabric discharge and more.

ART + DESIGN



YEAR ESTABLISHED: 2000 (in years prior this area was Design Fundamentals, Design Department, and Design and Technology Department). In 2001, Anni Albers Scholars Program is created offering dual degree with Textile Technology. In 2003, a Master of Art + Design degree is being planned.

STUDENTS: 113 undergraduate

DEGREES: BAD (years past included BEDN)

FACULTY: (L-R top) Kathleen Rieder, Dr. Michael Pause (fundamentals director), Vita Plume, Chandra Cox (chair), Susan Toplikar, Dana Raymond, Lope Max Díaz, (L-R seated) Charles Joyner and Susan Brandeis.



Cars of the future may someday become reality as future industrial designers are challenged to push old norms of automobile design. The new studio led by Assistant Professor Bong-Il Jin has featured its models at vehicle trade shows and in national design magazines.

Out of 184 entries from 14 schools worldwide, two Art + Design students were selected for first and second place awards in the SURTEX 2003 International Student Design Competition held in May 2003 in New York City.



Innovation and out-of-the-box thinking is how judges described College of Design students who swept the Walt Disney World Imagi-Nations University Design Competition in June 2002, winning both contest categories.



After sweeping the Walt Disney Imagi-Nations Competition last year, Art + Design students once again were recognized on a grand scale this year. Out of 184 entries from 14 schools worldwide, two Art + Design students were selected for first and second place awards in the SURTEX International Student Design Competition held in May 2003 in New York City. The students designed a room of their choice, residential or commercial, for a fictitious client, in six coordinating surface designs.

The department this year conceived and developed a Master of Art + Design program, the launch of which is pending. A first in the UNC system, the program will offer concentrations in digital animation/imaging and fibers, addressing today's expanding relationship between artistic capabilities and advancing technologies. The fibers area will offer a unique combination of digital processes with traditional hand methods.

In spring 2003, the department introduced a new, six-credit hour design studio, Intermediate ADN Studio-Exhibit Design. The course offered upper-level design undergraduates the opportunity to intensively study fundamental art and design issues (form, space, structure, scale, color and light, materials) as utilized for a specific context and defined purpose.

The Alcoa Culture and Diversity Lecture Series continued in the 2002-2003 year. Meanwhile, the Diversity-Based Class Lecture Series drew audiences for such speakers as Robert Barnum, an artist from Ferris State University; alumnus Erin Caudle, a costume designer; and Christine Zoller, a fiber artist from East Carolina University. The department's sponsored exhibition for the college was "Mercator Panoramas" by Masaru Nakamoto, a Japanese photographer from Okinawa University of Arts in Naha, Okinawa.

The Anni Albers Scholars Program, a joint degree between the College of Design's Department of Art + Design and the College of Textiles' Department of Textile Apparel and Technology Management, provides students exemplary preparation in design as well as textile and apparel technology. This program has grown to a current enrollment of 25 with 12 new incoming freshmen in fall 2003. The program presented the second annual student fashion show on April 23. "Collection: An Exploration in Fashion" displayed the work of 14 student designers, showcasing exciting and innovative techniques and processes including embroidery, screen printing, hand-manipulation of fabric, beading, knitting, synthetic fibers, deconstruction and reconstruction of clothing, fabric discharge and more.



Art + Design Associate Professor Dana Raymond's kinetic sculpture installation in Okinawa, Japan, in summer 2003 consists of 12 tables, each with breathing bags that are set in motion by an electric motor. The atmosphere of movement and sound creates meditative, playful and thought-provoking experiences.



College faculty provide individualized instruction in the design studio, forging character, creativity, professionalism, environmental responsibility and engaged citizenship.



YEAR ESTABLISHED: 1979, within Department of Product and Visual Design. Renamed Graphic Design Department in 1991.

STUDENTS: 115 undergraduate, 16 graduate

DEGREES: BGD, MGD (years past included BED-GD, BPDV)

FACULTY: (L-R) Scott Townsend (Cheryl Eatmon, administrative secretary is distant figure), Ned Irvine (visiting), Tony Brock (that's Denise Gonzales Crisp behind him), Kermit Bailey, Meredith Davis, Gonzales Crisp (chair), Martha Scotford and (L-R bottom) 14 amazingly busy feet. (Photo montage by T. Brock).

GRAPHIC DESIGN

Design faculty are developing a web site to highlight African-Americans and other minorities to provide resource information on minority contributions to design.



The College of Design was the first American public institution to adopt the Bauhaus model in the late 1940s. The American land-grant tradition instills within the university a sense of social responsibility that extends beyond the boundaries of the campus.



The Department of Graphic Design claimed one of NC State University's three national rankings in *U.S. News & World Report*. The department ranked seventh in the nation among graphic design programs within this category.

The academic year began with the appointment of a new department chair, Denise Gonzales Crisp, a former senior designer at the Art Center College of Design in Pasadena, Calif. Chair Gonzales Crisp began the semester with a new program to engage the local design community with graduating seniors. The program "Practitioner's Pulpits," has proven to be a valuable outreach to the professional community as it introduces students to a range of practice options.

Professor Martha Scotford continued to convert her "Graphic Design History" lecture course to a distance education course, and taught it online for the first time in spring 2003. The course served 63 university students and 14 off-campus students. Chair Gonzales Crisp introduced "virtual visiting faculty" to the curriculum. A fall 2002 undergraduate studio and spring 2003 graduate seminar were taught by David Karam (Posttool, San Francisco) and Max Bruinsma (author, *Deep Sites*, Amsterdam), respectively. These courses brought a renowned practitioner and a leading author in

graphic design to the classroom using a range of Internet tools including WebCT and Wolfware. These courses will lead to collaborations with national and international projects.

Professors Tony Brock and Scotford developed the London and Reading Studio, a summer abroad course offered for the first time in summer 2003 with 15 students enrolled. Professor Brock also directed students and oversaw the production of several projects for non-profit organizations that contracted the Design Center's services for the semester. Clients included the American Institute of Architects, North Carolina Amateur Sports for the North Carolina State Games and Southern Heritage Apple Orchard.

Chair Gonzales Crisp represented the department in efforts to establish a student Community Design Center for the College in collaboration with the City of Raleigh Urban Design Center. She also led nine round table discussions for graduating seniors in Wake County Public School System's "Job Shop" event held at McKimmon Center. Visiting professor Ned Irvine made five presentations on graphic design at Leesville High School.

To provide students with feedback, the department installed a required "mid-residency review" that provided rising sophomores an opportunity to discuss aims as they progress toward the degree. Faculty also used the review to assess the relevance and scope of assignments. Students found the reviews challenging and valuable.



Every entering student to the College of Design is provided the "Right of Inquiry," which outlines expectations and rights, including the "right to human supremacy over technology" (people always come first) and "the right to a nurturing learning environment." Developed by Dean Malecha, the document has been adopted as policy by the national AIAS.

Five years ago, the College of Design established an aggressive recruitment program with the intent of improving diversity and ultimately the design professions. This effort continues today, and diversity across all disciplines has increased.



INDUSTRIAL DESIGN



YEAR ESTABLISHED: 1959, as Department of Product Design. Name changes to Department of Visual Design in 1979. Becomes Department of Industrial Design in 1991.

STUDENTS: 100 undergraduate, 26 graduate

DEGREES: BID, MID (years past included BEDI, BEDP)

FACULTY: (L-R top) Vincent Foote, Bong-Il Jin, Haig Khachatoorian; (L-R bottom) Percy Hooper, Tim Buie, Glenn Lewis, Bryan Laffitte (chair) and Chris Jordan.



In fall 2002 design students opened the Fish Market gallery in downtown Raleigh at 133 Fayetteville St. The exhibition space reflects all the college disciplines, from furniture to technical drawings to paintings. It offers gallery experience for students and promotes interaction with the community.



The Department of Industrial Design gained new leadership this academic year with the appointment of Bryan Laffitte, who taught industrial design at Arizona State University and at Carnegie Mellon University before joining the College of Design. Laffitte assumed a major undertaking with the accreditation review in February 2003 by both the National Association of Schools of Art and Design (NASAD) and the Graduate School of NC State University. This review capped off a three-year preparation effort by the department.

The final NASAD document was initiated in July 2002, and the review took place in February 2003. Professor Vincent Foote, Associate Professor Percy Hooper and Chair Laffitte contributed substantial portions of the report. Professor Lewis offered archival digital image files for the display of student work. Visiting Lecturer Tim Buie oversaw refurbishing of studio spaces. Assistant Professor Bong-Il Jin and a large number of students in the department contributed many hours to the development and printing of images and display of work. The NASAD review was conducted simultaneously with a review by the Graduate School of NC State University.

The reports of the NASAD Committee and the Graduate School Review committee were positive in their observations. The department was referred to as among the best in the nation by NASAD. As anticipated, the graduate review committee saw a need for greater depth, breadth and focus

at the graduate level, and the need to create more funding opportunities for master's level graduate students in Industrial Design.

Department faculty feel that creating both a clearer focus and funding opportunities at the graduate level could be accomplished through the creation of a product development or product innovation center, housed in the College of Design. Carnegie Mellon University has created a model of this type of center, which promotes university collaboration on industry-funded projects both in the studio, and through graduate student research. Precedent for this type of center also exists in the Design Sciences Research Center and the Higher Institute of Integrated Product Development, both at Antwerp University in Belgium. Collaboration between the department and this institute is presently under study, with plans for development of a student and faculty exchange program beginning perhaps as early as spring 2004.

The fall semester graduate studio in Industrial Design participated in projects sponsored by Oriel Therapeutics (\$7,000) Needlepoint (\$5,000) and Levolor Kirsch (\$10,000). Funding for these projects was channeled through the College of Management, not the College of Design, and therefore is not a component of Design research totals.

The department's students participated in projects sponsored by the Enkeboll Foundation (\$25,000), Ikea of Sweden (travel and internship support) and Lees Carpets (\$10,000). A graduate student, Rachele Ornan, has received a \$25,000 fellowship from the NASA Langley Research Center.



Products developed by IBM, Compaq, Dell, Nike, Adidas and Industrial Light and Magic are influenced by designers educated at the College of Design.



LANDSCAPE ARCHITECTURE



YEAR ESTABLISHED: 1948. The study of landscape architecture at NC State University began with the agriculture program in 1927.

STUDENTS: 41 undergraduate, 54 graduate

DEGREES: BLA, MLA (years past included BEDL)

FACULTY: (L-R) Achva Benzinberg Stein (chair), Fernando Magallanes, Art Rice and Angelo Abbate. Not pictured are Shishir Raval, Mary Myers and Robin Moore.





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The Landscape Architecture Department received official accreditation from the American Society of Landscape Architects for its Bachelor of Landscape Architecture professional degree program. The accreditation is awarded for a six-year period. The tradition of excellence in landscape architecture education at NC State University goes back more than 50 years. In 1948, it became the first university in the country to offer an accredited five-year professional degree in landscape architecture. Offerings were expanded in 1968 to include the Master of Landscape Architecture professional degree, which was first accredited in 1972.

The LABASH conference held in spring 2003 was an enormous success, a result of dedication and the investment of many hours of work by students. The event drew about 400 participants from across the United States and Canada. Speakers included renowned landscape architecture professors such as Carl Steinitz and Frederick Steiner, as well as noted artists and practitioners including Chris Drury, Randall Arendt and Rodney Swink. A tradition that began in the early '70s, LABASH is an opportunity for students and professionals to gather, a real Landscape Architecture (LA) BASH.

Eight students participated in a special topic-community assistance studio in the Town of Manteo on Roanoke Island. They worked with the community to create a vision for the development of the town for the next 20 years. They tackled issues such as transportation, commercial development, designing an outdoor maritime museum and housing. The work was contracted through the college's Research, Extension and Engagement office under the supervision of Planning Specialist David Stein while Landscape Architecture Chair Achva Benzinberg Stein served as the studio instructor.



Professors Stein, Art Rice and Kofi Boone conducted a three-day charrette at the Highland Biological Station. A longer term study was conducted for Cooperative Extension in New Hanover County, which requested assistance in developing a long-range plan for its arboretum. Graduate students in landscape architecture worked to create a plan for the arboretum, located at the extension center in Wilmington. The project is funded with a \$10,000 grant from New Hanover County. Graduate students of Professor Angelo Abbate took on the project, in collaboration with the studio of Professor Fernando Magallanes.

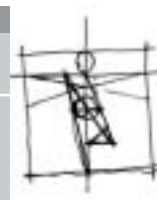
Landscape Architecture Chair Achva Benzinberg Stein was elected as a Fellow of the American Society of Landscape Architects (ASLA) in the category of knowledge. Reflecting the respect her peers have for her accomplishments, the North Carolina chapter nominated Stein for the award. The selection was made in June 2003, and the formal investment will occur in November 2003.

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Landscape architecture students tackled issues such as transportation, commercial development, designing an outdoor maritime museum and housing for the Town of Manteo on Roanoke Island during a comprehensive studio in spring 2003.

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"Gateway Communities," a program that puts NC State University at the service of the people, is being coordinated by Design Planning Specialist David Stein, who is helping to determine the needs of citizens and how to organize university resources to assist them.



PH.D. PROGRAM



YEAR ESTABLISHED: 1999. First Ph.D. granted in spring 2003.

CONCENTRATIONS: Community and Environmental Design, and Information Design

ENROLLMENT: 6 yearly

Since forming in 1999, the Ph.D. in Design Program heard its first dissertation defense in January 2003. Jianxi Hu (affectionately known as Hu, pronounced Hugh) researched strategies to utilize natural lighting in office environments (project pictured at left).

The Ph.D. in Design Program completed another year of milestones. Chief among these were the graduation of the first doctoral students in the May 2002 commencement. Jianxi Hu and Umut Toker, two members of the inaugural class to begin doctoral studies in 1999 fall semester, successfully defended their dissertation work in spring 2003.

The high number of applications yielded the largest number of students admitted to the program academic year. Five students began their studies in fall 2002, and two new students followed them in the spring 2003.

The Ph.D. community had a strong involvement in the Second Annual Research Symposium held in spring 2003 in the College of Design as four Ph.D. affiliated faculty and five Ph.D. students presented papers on their current research efforts.

Professors Amos Rapoport and Sherry Ahrentzen (University of Wisconsin-Milwaukee), Rachel and Stephen Kaplan (University of Michigan), and Sharon Poggenpohl (Institute of Design at Illinois Institute of Technology) served as visiting scholars in the first year Research Paradigms course giving a series of lectures and participating in community scholarly discussions.

Dr. Fatih Rifki, associate dean for graduate studies at the College of Design, says the Ph.D. is unique for its interdisciplinary approach, design-research foundation, independent positioning within a design college; and collaborations, which include relationships with other colleges at NC State University such as Natural Resources, Engineering and Humanities; and the UNC-Chapel Hill City and Regional Planning Department. The program also is open to new concentrations in addition to existing focuses on community and environmental design, and information design.



Through regular interaction with visiting professionals as well as scholars, students expect more of themselves in the professional workplace, artist's studio and government hall.

Firm practitioners and students regularly engage in architectural case studies, bringing practice into the classroom and students into the real world of project management.



College of Design study abroad programs include the Czech Republic, Germany, England and Venezuela. The College of Design is the only U.S. college to host a studio art experience in Ghana, one of Africa's greatest cultural centers.



Roy L. Abernath AIA, Jova Daniels Busby, Atlanta
John L. Atkins III AIA, O'Brien/Atkins Associates, PA, Research Triangle Park
Ilze Aviks Durango, Co.
Bryant A. Baker AIA, Charlotte
Nancy Baker Raleigh
Robert Barnum Ferris State University, Ferris, Mich.
Allen R. Baum Burns Doane, Swecker, and Mathis LLP, Durham
Dan Becker Historic Districts Commission, City of Raleigh
Bryan Bell DesignCorps, Raleigh
Giles Blunden Blunden Piesse Architects, Carboro
Peter Q. Bohlin FAIA, Bohlin, Cywinski Jackson, Wilkes-Barre, Pa.
Charles H. Boney Jr. AIA, Boney Architects, Wilmington
L. Franklin Bost Porex Surgical, Atlanta
Chris Brasier AIA, The Freelon Group, Research Triangle Park
Francis Bronet Rensselaer Polytechnic Institute, Troy, N.Y.
David Brook State Historic Preservation Office, Raleigh
David Brower UNC-Chapel Hill
David Burney Capital Strategies, Raleigh
Doug Burton Whitman Masonry Inc., Benson
Roger Cannon FAIA, Cannon Architects, Raleigh
James Carpenter James Carpenter Design Associates, New York
Ellen Cassilly AIA, Ellen Cassilly Architect, Durham
Erin Caudle Carolina Ballet, Raleigh
H. Clymer Cease Jr. AIA, Pearce Brinkley Cease + Lee, PA, Raleigh
David Chapin Forma Design, Raleigh
Matt Chewkowski Imaginary Forces, Los Angeles Calif.
Gordon H. Chong FAIA, San Francisco
Steve Christer Studio Granda Architects, Reykjavik, Iceland
Young Chul Chung Kyungil University, South Korea
Mike Cindric Design Dimension, Raleigh
Michael Cole ColeJenest & Stone, Charlotte
James Cox Jr. Smith Moore LLP, Raleigh
Dave Crawford AIA North Carolina, Raleigh
Richard Curtis USA TODAY, McLean, Va.
Sylvester Damianos FAIA, Damianosgroup, Pittsburgh

Stanley L. Daniels FAIA, Jova Daniels Busby, Atlanta
Kathleen Mattingly Dautel Kenneth Hobgood Architect, Raleigh
David Hobbs Churchill Fellow and Engineer, Regency Park Rehabilitation Engineering, Australia
Jack Davis Virginia Polytechnic Institute, Blacksburg
Thomas Davis Professor of Architecture, University of Tennessee, Knoxville
Michael Dennis Massachusetts Institute of Technology, Cambridge Mass.
Dave Deverter Garmen Inc., Raleigh
Dail Dixon FAIA, Dixon Weinstein Architects, Chapel Hill
Turan Duda AIA, Duda/Paine Architects, LLP, Durham
Hans Eckholm Ericsson, Research Triangle Park
Catharine Ellis Weaver Haywood Community College, Clyde
William L. Flournoy Jr. FASLA, NC Dept. of Environment and Natural Resources, Raleigh
Philip G. Freelon FAIA, The Freelon Group, Research Triangle Park
Genoveva Fruet Universidade Federal do Rio de Janeiro, Brazil
Jay R. Fulkerson AIA, Chapel Hill
Jane Gee Fredericton New Brunswick, Canada
Cisco Gomes Gomes+Staub Architects, Raleigh
Dabney Staub Gomes Gomes+Staub Architects, Raleigh
Dan Gottlieb North Carolina Museum of Art, Raleigh
Jim Greenman Bright Horizons Family Solutions, Minneapolis
Bert Gurganus AIA
Tim Haag Real Estate Broker
Michael Hager RA, HagerSmith Design PA, Raleigh
Jonathan Harb Industrial Light & Magic, San Rafael, Calif.
Susan M. Hatchell ASLA, Susan Hatchell Landscape Architecture & Park Design, Raleigh
Scott Hester AIA, FreemanWhite Architects, Raleigh
Travis Hicks AIA, Pearce Brinkley Cease + Lee, Raleigh
David Hill Pearce Brinkley Cease + Lee, Raleigh

Kenneth Hobgood AIA, Kenneth Hobgood Architect, Raleigh
Geoffrey Hoffman AIA, GRAD Associates, Mooresville
Charles Holden Frank Harmon Architect, Raleigh
Myrick Howard Preservation NC, Raleigh
Ray Huff AIA, Huff + Gooden, Architects, Charleston, S.C.
Mark Humienny AIA, Davis Kane Architects, Raleigh
Mary Humphrey Humphrey Creative Co., Raleigh
Joe Jasinski Think Design, Raleigh
Rick Jenkins Jenkins Wilson & Taylor, Durham
Lisa Jenkins Sherwin Williams, Charlotte
Eric Johnson Brick Association of the Carolinas, Charlotte
Kerry Kane AIA, SmallKane Architects, Raleigh
Aly Khalifa Gamil Design, Raleigh
Harry Knopf Executive Director of the Institute for Rehabilitation Research, The Netherlands
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Jeffrey Lee Pearce Brinkley Cease + Lee, Raleigh
David L. Liberatore AIA, SchenkelShultz, Raleigh
Mike Lindstrom Horizons Design, Cambridge, Mass.
Austin Lowrey Faculty Emeritus, San Pedro, Calif.
Kenneth Luker O'Brien Atkins Associates, Research Triangle Park
Paul Maczka Carolina Business Interiors, Morrisville
Bill Massey McKinney Design, Raleigh
Tim McAuliffe Pearce Brinkley Cease + Lee, Raleigh
Lyn McClay AIA, Chapel Hill
Wesley A. McClure FAIA, McClure Hopkins Architects, Raleigh
Craig McDuffie McDuffie Agency, Raleigh
Herbert McKim FAIA, BMS Architects PA, Wilmington
Charlie Menefee AIA, University of Virginia, Charlottesville, Va.
Donna D. Moffitt NC Dept. of Environment and Natural Resources, Raleigh
Monty Montague BOLT, Charlotte
E. Paige Mullis Glen Raven Custom Fabrics, Glen Raven, N.C.
Lynn Nash NC Masonry Contractor's Association, Hickory
Hilarie Nickerson Ericsson, Research Triangle Park
Enrique Norton TEN Arquitectos, Mexico City
Kathleen O'Brien
Patricia Oliver Art Center College of Design, Pasadena, Calif.
Ivin Pearce Pearce Brinkley Cease & Lee Architects, Raleigh

VISITORS

Vincent Petrarca Frank Harmon Architect, Raleigh
Jeff Pettus NC Arts Council, Raleigh
Clark Poe Architect
Larry Presley AIA, Flad Associates, Raleigh
Barbara Price AIA, LS3P Associates Ltd., Charlotte
J. David Ramseur AIA, Ramseur-Peterson Architects, Charlotte
Robert W. Rankin AIA, FreemanWhite Inc., Raleigh
David and Sharyn Roberts Architects
Gordon Schenck Charlotte
Paula Scher Principal, Pentagram New York
Jeffery Schroeder Frank Harmon Architect, Raleigh
Steven D. Schuster AIA, Clearscapes, PA, Raleigh
Brian Shawcroft AIA, Brigitte Shim Shim-Sutcliffe Architects, Toronto
Tim Simmons State Historic Preservation Office, Raleigh
Dennis Stallings The Freelon Group, Research Triangle Park
Bob Stinson David Allen Company, Raleigh
Charlie Straughn Architect
Jon Sueda graphic designer, San Francisco and Los Angeles
Patrick Sullivan FAIA, Claremont, Calif.
David Swanson RLA, Swanson and Associates, Chapel Hill
Rodney L. Swink FASLA, NC Department of Commerce, Raleigh
Anna-Maria Taylor Craig Dean Architecture, Raleigh
Jane Taylor Michigan State University
Frank Thompson AV Metro, Raleigh
Michael Tribble FAIA, LS3P Associates Ltd., Charlotte
Billie Tsien Tod Billie Tsien & Associates, New York
Chuck Turner The Sales Factory, Greensboro
Anthony Ulinski Raleigh
Craig M. Vogel Carnegie Mellon University, Pittsburgh
Barry L. Wasserman FAIA, Sacramento, Calif.
Sherwood L. Webb Webb Clements, Charlotte
Frank Werner Adams Products, Raleigh
Lesley Williams North Carolina Freedom Monument Project, Chapel Hill
Susan Yelavich Cooper-Hewitt Design Museum, Washington, D.C.
Christine Zoller East Carolina University, Greenville



YEAR ESTABLISHED: 2001

FACULTY AND STAFF: (L-R top) Robin Moore, Kat Oury, David Stein, Jay Tomlinson (associate dean); (L-R bottom) Richard Duncan, Sally Haile, Nilda Cosco, Dr. Nancy White and Michael Holmes. Not pictured are Leslie Young and Molly Story.

The Research, Extension and Engagement office at the College of Design comprises the Design Research and Extension Program (2001), Center for Universal Design (1989) and Natural Learning Initiative (2000). These unique teams are called upon for expertise in land use planning, watershed planning, environmental design, design of public spaces, universal design, children's outdoor play environments and computer modeling technology, as well as the tremendous resource at its disposal: the energetic network of design faculty and students.

RESEARCH, EXTENSION AND ENGAGEMENT



The College of Design's extension activities focus on North Carolina but often reach much farther. An ecotourism studio led by Professor Art Rice engaged landscape architecture students with understanding the needs of residents of Chauo in the rainforests of Venezuela.

Design modeling and simulations produced by researchers like Michael Holmes help the public to visualize proposed plans for their communities. Recent work in this area involved photo-simulations of developments in Randolph County, N.C., to demonstrate techniques of rural character and open space protection.



The intent of universal design, promoted by the Center for Universal Design, is to simplify life for everyone by making products, communications and the built environment more usable by as many people as possible at little or no extra cost. Universal design benefits people of all ages and abilities.

College of Design faculty participated in a variety of research and extension projects during the 2002-2003 academic year. Total research, extension and engagement expenditures for the College of Design total \$1.1 million.

An intensive charrette was led in spring 2003 to develop ideas and proposals for a new plan for the Town of Manteo, N.C. With oversight from Planning Specialist David Stein and Landscape Architecture Chair Achva Benzinberg Stein, the students prepared recommendations for redevelopment of the old downtown area, the waterfront, a new residential development, the main highway through town, a low-income neighborhood and community center, and a way finding and signage program.

The Design Research and Extension Program energetically responds to many requests that have a direct impact on citizens including assistance to communities that are working to preserve their rural landscapes and natural habitats. Dr. Nancy White has developed bacterial source tracking techniques that will improve the state's shellfish management programs. She is also developing educational strategies for local government officials and curricular material for graduate-level coastal management programs.

Jay Tomlinson works with counties and municipalities throughout the state to develop educational models for development impact visualization and evaluation. Tomlinson is also working with R-Anell Housing in Denver, N.C., on the development of manufactured housing with a focus on energy efficiency, home automation and visualization.

Michael Homes and Kat Oury are working with the Town of Cary, N.C., to implement the Rural Landscape Preservation Project, which is designed to help residents and landowners in the Green Level Historic District envision the community's future. Citizens are given tools to preserve natural resources and open space through their own initiative.

The Natural Learning Initiative has been contracted by the Bay Area Discovery Museum in Sausalito, Calif., to conduct a four-year, NSF-funded research study: "How can designed and prepared outdoor environments stimulate and support science learning behaviors of three-to-five year old children?" The study will be conducted in two outdoor environments under construction at the museum. NLI also offered the Design for Active Living symposium at Minneapolis State University and another workshop at the College of Design, the Early Childhood Outdoor Design Institute.

The Center for Universal Design welcomed a new director, Laurie Ringaert, who previously was president of Universal Design International Consulting and director of the Universal Design Institute at the University of Manitoba, Canada. In spring 2003, the Center for Universal Design received the prestigious Icons of the Industry Award from the National Association of Home Builders (NAHB). Special recognition went to Richard Duncan, coordinator of training, who has spent more than 20 years in the field of architectural accessibility and universal design in residential, public and transportation environments. The center continues work with the North Carolina Division of Vocational Rehabilitation to provide universal design technical assistance to the state's multi-family housing industry.



The Natural Learning Initiative offers regular workshops to help communities and schools create stimulating and healthy places for play, learning and environmental education. A few held this year were the Design for Active Living symposium at Minneapolis State University and the Early Childhood Outdoor Design Institute at the College of Design.



Dean Marvin J. Malecha was named the 2003 recipient of the Topaz Medallion for Excellence in Architectural Education by the American Institute of Architects (AIA) and the Association of Collegiate Schools of Architecture (ACSA). This is the highest national honor in architecture education.

FACULTY

College faculty are recognized by their peers for their achievements and influence in the world of design education.

Peter Batchelor architecture, developed a new course, "From the Acropolis to the Digital Age, How Design Shapes Our Everyday Lives," at Duke University. He also planned and/or managed urban design assistance activities in Dundalk, Md.; Kennewick, Wash.; Randallstown, Md.; and Fayetteville, N.C.

Thomas Barrie architecture, received the ACSA Creative Achievement Award for 2003 as well as the AIA Detroit Honor Award for 2003. He has received pending funding from the Graham Foundation for Advanced Studies in the Fine Arts for "The Late Works of Mimar Sinan — Symbolism and Cultural Significance."

Georgia Bizios architecture, was the architect of record for the Davis Residence in Raleigh, the Holmgren/Sidell Residence in Chapel Hill, and the Rigmores House Conference Center in Chapel Hill (in collaboration with Lyn McClay, DesignSpec Inc.), all completed 2002.

Gail Borden architecture, and his Rubber-banded House was featured in the December 2002 *Architectural Record's* portfolio of unbuilt projects. Borden's design, which features interlocking horizontal and vertical "courtyards" and interior walls made from rubber bands. The house won the architecture category of the 100% Rubber competition, sponsored by Dalsouple Rubber.

Susan Brandeis art + design, participated in "Technology as Catalyst: Textile Artists on the Cutting Edge," an exhibition of the Textile Museum in Washington, D.C., which came to the Gallery of Art + Design at NC State University during fall semester 2002. She was awarded a North Carolina Arts Council Artist Fellowship for 2002-2003.

Tony Brock graphic design, oversaw the submission of student work that was published in the online edition of *Design with Type* while his student work was published in two issues of the online AIGA journal *Loop*.

Robert Burns architecture, received the Extraordinary Award for Service from the Design Guild on March 22, 2003. He was appointed Professional Advisor by the Old Mill Cultural Center in Hendersonville,

N.C., to organize and manage a national architectural design competition for a cultural arts center.

Roger Clark architecture, consulted with the North Carolina Museum of Art for a major new addition consisting of new galleries and public spaces.

Chandra Cox art + design, exhibited her work at the Mint Museum of Art in Charlotte as part of "Celebrating the Legacy of Romare Bearden." She also exhibited at Memory & Oblivion, a three-woman exhibition at the Hampton University Museum in Virginia in May through September 2003. She participated in Passing Exhibition at the Mint Museum of Art in Charlotte from June to September 2003.

Denise Gonzales Crisp graphic design, was featured in "California Dream: East Coast West Coast Graphic Design" exhibition and catalog of November 2002, Paris; and in *All Messed Up* (A. Gerber, London; 2003). She was coordinator and moderator for the Schools of Thoughts conference in Los Angeles.

Meredith Davis graphic design, was named a fellow of the American Institute of Graphic Arts. Davis was one of only nine designers nationally to receive the honor in 2002. Davis teaches doctoral and master's courses in the areas of cognition and culture as they relate to design objects. At the undergraduate level, she teaches studio and graphic design theory. Her research includes work in K-12 education.

Lope Max Diaz art + design, participated as a guest artist in a national exhibition on Puerto Rican art at Instituto de Cultura Puertorriquena in San Juan, Puerto Rico, in August 2003. He was invited to participate in "The Landscape" at Galeria Botello in June 2003 and "Cien Anos de Historia, Arte y Enseñanza," an exhibition in February 2003 at the Museum of the University of Puerto Rico celebrating the 100th anniversary of the University of Puerto Rico.

Jeremy Ficca architecture, consulted with f studio in Raleigh and Crisp Office Space. He initiated a funded research project, "Variation by Design" that makes use of a recently acquired large format, computer numerically controlled milling machine. He is researching gypsum wall panels in modern construction.

Vincent Foote industrial design, received the 2002 Award for Excellence in Teaching from the Board of Governors of the 16-campus University of North Carolina. Foote, who has advised more than 3,000 design students during his 36 years at the College of Design, was the speaker at the college's winter 2002 commencement ceremony.



Receiving 2002-03 College of Design Awards were: College of Design Board of Governors Award Recipient to Bryan Laffitte; Alumni Distinguished Graduate Professor to Patrick Rand; Academy of Outstanding Teacher Award to Gail Borden; Alumni Distinguished Undergraduate Professor to Fernando Magallanes; College of Design EPA Award for Excellence to Catherine Lazorko; and College of Design SPA Award for Excellence to Matt Arion (pictured L-R: Lazorko, Rand, Laffitte, Arion, Borden).

A few of the college's most influential alumni include Richard Curtis (visual design 1972), managing editor of graphics and photography for *USA TODAY*; Rodney Swink (landscape architecture 1977), past president of the American Society of Landscape Architects; Curtis W. Fentress (architecture 1972), designer of the Denver International Airport; the late Ronald L. Mace (architecture 1966), who was instrumental in writing and advocating for the Americans with Disabilities Act; and Richard Green (architecture 1968), whose portfolio of skyscraper designs includes the Treasury Building in Singapore.

Professor Meredith Davis was named a fellow of the American Institute of Graphic Arts. Davis was one of only nine designers nationally to receive the honor in 2002.

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Frank Harmon architecture, received a NC AIA Honor Award for 2002-03 for his outdoor classroom on the Scuppernon River. He was architect for several projects, including the North Carolina Botanical Garden Visitor Education Center in Chapel Hill, Walnut Creek Education Center in Raleigh and the North Carolina Museum of Natural History Education Center.

Charles Joyner art + design, exhibited his silkscreen prints and mixed-media compositions in fall 2002 at the North Carolina Central University Art Museum. His piece, "Kumasi Streetscape" was featured in Nov. 29, 2002, issue of *The Chronicle of Higher Education*.

Bryan Laffitte industrial design, received the 2002-03 Board of Governors Award for Excellence in Teaching from NC State University.

Glenn Lewis industrial design, served in December 2002 as a juror for the International Housewares Competition in Chicago. Lewis also received support for sabbatical teaching in Ghana from Aid to Artisans in Ghana (ATAG).

Marvin J. Malecha dean, was named the 2003 recipient of the Topaz Medallion for Excellence in Architectural Education by the American Institute of Architects (AIA) and the Association of Collegiate Schools of Architecture (ACSA). Malecha also authored the book, *Reconfiguration in the Study and Practice of Design and Architecture*, published in 2002 by William Stout Publishers, San Francisco.

Robin Moore landscape architecture and Natural Learning Initiative, is associate editor for both a special issue and section of the *American Journal of Health Promotion*, "Health Promoting Community Design."

Wayne Place architecture, was invited by the State of California to become a subject matter expert for future engineering examinations.

Vita Plume art + design, was awarded an NC State University research grant to support her work involving students in software and industrial looms.

Dana Raymond art + design, conceived the installation "QATARI BOTTLESCAPE," which was installed and presented in Doha, Qatar, during the month of Ramadan from Nov. 6 to Dec. 6, 2002. His work also was installed in May 2003 at Okinawa University in Japan.

Dr. Fatih Rifki architecture, was elected president of the Architecture Research Centers Consortium in November 2002.

Henry Sanoff architecture, received the 2003 Service Award from the Environmental Design Research Association, an international design organization. He authored the new book, *Three Decades Of Design And*

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Community, published by the College of Design; and *Schools Designed with Community Participation*, by the National Clearinghouse for Educational Facilities, Washington, D.C.

Achva Benzinberg Stein landscape architecture, participated in the 10th anniversary of the Chrysler Design Awards celebration in New York City; she was a 1994 recipient of the Award for Innovation in Design. She is co-recipient of a \$180,000 grant from the EPA Section 319 Program. Additional collaborative work is being carried out on the funded Open Space Plan for the town of Stokesdale in Guilford County, N.C.

Dr. John Tector academic affairs and architecture, was honored in October 2002 by the Association for Computer Aided Design in Architecture (ACADIA) at its national conference held at California State Polytechnic University in Pomona. Tector received the ACADIA Award of Excellence in Service, the highest award that can be achieved by a university faculty member in the field of architectural computing. Tector is a founding member of association, which formed in 1981.

Dr. Paul Tesar architecture, published in November 2002 the pamphlet "Eleven Essays on Architecture," an edited and expanded collection of articles originally written for *The Spectator* magazine.

Susan Toplikar art + design, led a class that designed and built an exhibition at PLAYSPACE Children's Museum in Raleigh as a service/learning experience.

Scott Townsend graphic design, presented "Mapping: Using the Tools of Visualization as a Critical Practice" at the College of Art Association international conference and "Schema Theory and Visualization as a Critical Practice" at the Fifth European Academy of Design international conference in Barcelona, Spain. His work is included in IV Digital Salon, Centro Pablo de la Torriente Brau, Havana, Cuba, and Myopic, Latitude 53, an international exhibition in Edmonton, Alberta, Canada.

Dr. Nancy White research and landscape architecture, was engaged in the launching of a new laboratory to test a DNA tracking method at the Center for Marine Sciences and Technology on the campus of the Carteret Community College in Morehead City, N.C.

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Industrial Design Professor Vincent Foote won the 2002 Award for Excellence in Teaching from the Board of Governors of the 16-campus University of North Carolina.



Design students form a tightly knit community in studios and computer labs that run 24-7. Design students benefit from this unique and personalized setting as they draw from the resources offered within a large university.

STUDENTS

Design students learn to put abstract principles into practice, an ability that earns them recognition beyond the studio and lecture hall.

An interdisciplinary studio developed a new line of carpet for Lees Carpets of Burlington Industries that won a silver medal at the Neocon World's Trade Fair 2003 in Chicago in June. Participating students were **Harriet Hoover** art + design, **Peg Gignoux**, art + design, **Kerry Robinson** graphic design, **Shawn Sowers** industrial design, **Mia Blume** graphic design, and **Rachel Potenziani** industrial design. The unique flooring uses the colors and forms of the urban mindscape and a new technology designed to interact with us as we move across its surface.

Jason Buerkle, **Robert Harkey** and **Marshall Prado**, all architecture, were awarded AIA/AAF Scholarships for the 2003-04 academic year. **Sally Coghill** graphic design, was designer of the 2001-02 College of Design Annual Report, which won a 2003 CASE District III Grand Award, first place recognition in the annual report category. CASE is the Council for Advancement and Support of Education.

Vanessa DeJongh graphic design, won the 2002 scholarship from the American Institute of Graphic Arts, Raleigh chapter. Graphic design seniors **Blair Richardson** and **Brian Erickson** won first place in the AIGA's Student T-Shirt Design Contest. Richardson also took third place in the contest, and senior **Sean Farres** received a notable recognition for his submission.

Rodney Chadwick Everhart architecture, was chosen as the winner of the Ready Mixed Scholarship for the best Final Project Document by an M. Arch. student.

"Gathering Blue," a fibers sculpture by **Peg Gignoux**, a graduate student in industrial design/fibers, has been chosen for inclusion in the exhibition "The Next Wave," a juried international student

competition of works in fiber. The exhibition will be shown in conjunction with the 12th International Surface Design Conference in Kansas City, Mo., in June 2003.

Bryant Griffin industrial design, won second prize in Design the Business Printer of the Future contest sponsored by Lexmark International, and was awarded \$7,500 and a Lexmark laser printer. His design, named the "Mini," is a small — 3.5 by 4.5 inches — mobile device that prints, faxes and scans documents, and features a unique telescoping mechanism that holds a standard sheet of paper for scanning or printing.

Mary Hauser art + design, won a scholarship to attend the Surface Design Association Conference.

Katherine Hudson art + design (Anni Albers), won first place in the SURTEX International Student Design Competition. Another College of Design student, **Christopher Powell**, won second place. Students were charged with creating six original and coordinating surface designs for elements typically found in a room of their choice, either residential or commercial. Winners were chosen from a field of 183 entries by a jury of professionals from the design industry. The winning designs were exhibited during the 18th annual edition of SURTEX, held May 18-20, 2003, in New York City. SURTEX is the premier North American tradeshow geared exclusively toward the sale and license of art and design.

Chris Hutton won the 2003 PRISM Generation Next Fellowship, which recognizes entertainment productions that accurately depict drugs, alcohol and tobacco use and addiction. Segments from a student-produced video documenting the weaving techniques of Assistant Professor Vita Plume will be featured in a Pearson Education video for eighth graders. The Canadian educational video titled "On y va!" focuses on the subject of art as a way of presenting language lessons for students studying French as a second language. The original video was created by **Tim Kiernan** and **Carson Mataxis** to accompany "Cultural Journeys: exhibition of woven works," featuring the work of Plume and Ramona Sakiestewa. The students graduated last spring from the Art + Design Department.





Design Camp has immersed thousands of high school students in the world of design. The college now offers a second day camp for middle school students.

George Kroustalis, **Russell Williams** and **Edwin Harris**, all architecture, were the co-winners of the North Carolina Masonry Contractors Association Competition.

Stacy Ludlum, **Amy Ryan** and **Alisa Wilson**, all landscape architecture, won a commendation in the Graduate Team Design category of the 2002 American Society of Landscape Architecture (ASLA) Student Design Competition. The team won for the entry "Wildland Firefighters Memorial." **I. Joanna Massey** won a commendation in the organization's Graduate Individual Research category for her entry "Landscape Design in Capecoast, Ghana."

Joseph Macmillan industrial design, won the IDSA Regional Student Merit Award.

Mark McLawhorn art + design, won second place in the Student Society of News Design's International Entertainment Page Contest.

Rachel Potenziani art + design, won a scholarship to the Surface Design Association Conference.

Chris Powell art + design, secured a permanent position at Guilford Mills after winning second place in the SURTEX 2003 International Student Design Competition. Another College of Design student, **Katherine Hudson** (see her entry above), won first place in the competition.

Hannah Reynolds architecture, was awarded the Irwin E. Jones Travel Scholarship to study traditional and modern Japanese architecture and furniture.

Ernest Spangler industrial design, won a second place international design award for his design project titled "H2 GO Kart." Spangler's concept is a jet ski-based racing boat that he calls "a go-kart for the water." The award winner also receives a 2002 Marine Design Resource Alliance Boat Design Scholarship. His advisor on the project was Assistant Professor Bong-Il Jin.

Eric Emmanuel Thompson II art + design, won the 2003 John Hope Franklin Student Documentary Award, which is given to projects that "explore some aspect of human experience and expand our understanding of people's lives."



Gabriel Tootoo industrial design, received a Fulbright Grant.

Susan Elizabeth Westbrook landscape architecture, received a university research grant to study constructed wetlands in wastewater treatment under the supervision of Chair Achva Benzinberg Stein.

Emily Williams industrial design, won third place in the Library of Congress Talking Book Competition. Her advisor was Professor Percy Hooper.



Architecture students produced the first issue of *THEEGG*, a publication to be produced each semester. Its stated mission is to "incite students, architects, artists and community members in a rejuvenated dialogue concerning our built environment."



In the early days of the school, designers and theorists such as Buckminster Fuller, Matthew Nowicki, Lewis Mumford, Eduardo Catalano and others joined the faculty under founding Dean Henry Kamphoefner. They helped build a reputation for innovation and experimentation that continues today.

EXTERNAL RELATIONS

The college's External Relations Office started full swing in its first year, following reorganization. Staff worked as a team to organize the 55th anniversary reunion and gala award dinner in March 2003. The dinner drew a record attendance of 168 people. Highlights of the celebration, attended by more than 180 alumni and friends, included a TGIF party with a "studio crawl" held by the Design Council, seminars and department discussions, an art auction to raise scholarship funds for the Art + Design Department, a modern architecture bus tour led by Professor Robert Burns, a gathering of Community Development Group alumni with Professor Henry Sanoff, and the Design Guild Award dinner held at Exploris museum in downtown Raleigh, honoring Myrick Howard and Preservation North Carolina as well as Professor Burns upon his retirement.

In the area of fundraising, led by Development Director Carla Abramczyk the *Student Publication* endowment campaign successfully concluded, and production was under way in summer of 2003 on a new publication. Significant solicitations and gifts included a pledge of \$100,000 from O'Brien/Atkins Associates; three planned gifts were received from Ray Melba Sparrow, George Smart estate and the Fadum property. These gifts combined with the many essential annual scholarship donations, Design Guild memberships and Annual Fund gifts have resulted in a record year of fundraising with more than \$2.4 million raised, which exceeded the college's fundraising goal for this year.

A scholarship reception for scholarship recipients and donors was held on Nov. 6, 2002. Alumni and friends receptions were also organized in Asheville on Aug. 24, 2002, in conjunction with NC AIA summer conference; San Jose, Calif., for the ASLA convention; San Diego on May 9 with the National AIA conference; and in Atlanta on May 28, 2003. In addition, the design community was welcomed at receptions for the incoming director of the School of Architecture and the new chair of the Department of Graphic Design.

Several notable accomplishments in the area of communications, led by Catherine Lazorko, were achieved in 2002-03, including the launching of a new web site, increased frequency of the college's electronic newsletter (*DESIGNlife*), and accolades for the publications, including a first place award for the college's 2001-02 Annual Report from the Council for Advancement and Support of Education (CASE District III). The college's dynamic web site (www.design.ncsu.edu), unveiled in August 2002, was developed by David Burney, former principal of Burney Design and presently vice president of Capital Strategies, both Raleigh firms. Enhancing all communication functions is a growing image library of high-resolution photography and graphics.

Late last year the college developed a new contact for alumni and professionals through its professional relations area, headed by Jean Marie Livaudais. The office conducted numerous personal interviews and a survey to determine the interests of alumni in this area. Achievements for the first year included working with the University Career Center to hold a recruitment reception for hiring architecture firms and students, assuming education provider status from the American Institute of Architects (offering credits for college, McKimmon Center and Solar Center courses), and organizing the workshop, "Entrepreneurship and the Creative Spirit." Speakers from across the country joined faculty and alumni to present an all-afternoon workshop investigating multi-disciplinary design practices as they integrate with the world of business and entrepreneurship. More than 85 participants attended the workshop presented in conjunction with NC State's Emerging Issues Forum and sponsored in part by the Kenan Institute for Engineering Science and Technology and the Design Guild. Professional Relations also assisted with 55th Anniversary seminars, the Natural Learning Initiative's Early Childhood Outdoors Design Institute, Graphic Design Portfolio Day, the NC American Planners Association seminar and workshops organized by AIA Triangle.



The college celebrated its 55th anniversary with a welcoming of more than 180 alumni and friends in spring 2003. Events included a modern architecture bus tour led by Professor Robert Burns, a gathering of Community Development Group alumni and the Design Guild Award dinner.



Design students are well known for organizing events of legendary scale such as the Beaux Arts Ball, Design Crawl and Halloween's pumpkin carving and costume contests.

DONORS

The NC State University College of Design relies on the support of individuals, firms, companies and foundations to benefit a variety of college activities. Listed below donors who contributed \$250 or more to the College of Design between July 1, 2002, and June 30, 2003. Please accept our deepest apologies for any errors or omissions.

Planned Gifts

Jane Fadum
Estate of George M. Smart
Ray and Melba Sparrow

\$50,000 and above

L. Franklin Bost
O'Brien/Atkins Associates PA

\$10,000 - \$49,999

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Enkeboll Foundation for the Arts
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\$5,000 - \$9,999

Adams Products Co.
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KOMPAN Inc.
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\$2,500 - \$4,999

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McClure Hopkins Architects
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Moseley Architects
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J. Daniel Pardue
Robert S. Peterson
Alwyn H. Phillips III
J. Ray Sparrow
Stec & Company Architects
James D. Tomlinson
Barbara Wiedemann





STUDENTS

Undergraduate Students 555

164	Architecture
129	Art + Design
130	Graphic Design
93	Industrial Design
39	Landscape Architecture

Master's Students 174

87	Architecture
19	Graphic Design
24	Industrial Design
44	Landscape Architecture

Ph. D. Students 18

Total Enrollment 747

DEGREES

Bachelor of Environmental Design in Architecture

Bachelor of Architecture

Master of Architecture

Bachelor of Landscape Architecture

Master of Landscape Architecture

Bachelor of Graphic Design

Master of Graphic Design

Bachelor of Industrial Design

Master of Industrial Design

Bachelor of Art + Design

Bachelor of Science/Bachelor of Art + Design

Ph.D. in Design

ACCREDITATION

National Architecture Accreditation Board

Landscape Architecture Accreditation Board

National Association of Schools of Art and Design

(including Graphic Design and Industrial Design as distinct review processes)

FACULTY

Calculated by position funding rather than specific individuals:

Dean's Office/Labs	9
Design Studies Faculty	1
Research Extension and Engagement:	12
Architecture Faculty	17.5
Art + Design Faculty	9
Graphic Design Faculty	8
Industrial Design Faculty	8
Landscape Architecture Faculty	7
Fundamentals Faculty	2
Ph.D. Faculty	2

Faculty also hold joint affinity appointments to the Ph.D. Program and Research, Extension and Engagement

Faculty members with Fellowship status in professional associations include:

Fellows in the American Institute of Architects	6
Fellows in the American Society of Landscape Architects	1
Association of Collegiate Schools of Architecture Distinguished Professors	4
Fellows in the American Planning Association	1
American Institute of Graphic Arts	1
Fellows in the Industrial Designers Society of America	1
Academy of Distinguished Industrial Design Educators	1
Topaz Medallion Recipient	1

COLLEGE AT GLANCE

The following events were held by the
College of Design in the 2002-03 academic year.

COLLEGE LIFE

Aug. 1

Alumni & Friends Reception to
welcome School of Architecture
Director Thomas Barrie

Aug. 19-Sept. 17

Exhibition of Architectural
Photography by Gordon
Schenck

Aug. 23

Welcome Back Barbecue

Aug. 24

Alumni & Friends Reception
in Asheville, N.C.

Aug. 28

Exhibition reception and lecture
by Photographer Gordon Schenck

Sept. 16

Architecture Lecture featuring
Bille Tsien of Tod Williams and
Billie Tsien, NYC

Sept. 21

Open House

Sept. 29-Oct. 15

Graphic Design Exhibition

Oct. 4

Graphic Design Lecture
featuring Maud Lavin

Oct. 16-Nov. 2

Art + Design Exhibition of
Japanese Digital Photography
featuring the work of Masaru
Nakamoto

Oct. 23

Alumni & Friends Reception to
welcome Graphic Design Chair
Denise Gonzales Crisp

Oct. 25

Pumpkin Carving Contest

Oct. 26

Halloween BASH sponsored
by Design Council

Oct. 28

Architecture lecture featuring
Brigitte Shim f Shim/Sutcliffe,
Toronto

Nov. 3-23

Student Publication Exhibition

Nov. 6

Reception for scholarship
donors and student recipients

Nov. 11

Architecture lecture
featuring James Carpenter of
James Carpenter Design, NYC

Nov. 24-Dec. 11

New Faculty Exhibition

Dec. 15-16

Graduation Exhibition

Jan. 5-25

Student Publication Exhibition

Jan. 26 – Feb. 15

"Blue Collar Poetry" Exhibition
of works by Robert L. Barnum

Jan. 31- Feb. 7

Architecture Firm Recruitment
Exhibition

Feb. 9

"Entrepreneurship and the
Creative Spirit" A Design Seminar
at Emerging Issues Forum

Feb. 16-March 8

Industrial Design Exhibition

March 3

Lecture featuring Steve Christer,
Studio Granda Architects

March 9-22

Landscape Architecture Exhibition

March 13-16

LABASH conference

March 21-23

Design Guild Award Dinner,
55th Anniversary Celebration

March 23-April 12

Architecture Exhibition

March 24

Architecture lecture featuring
Peter Bohlin

April 9

Graphic Design Lecture
featuring Susan Yelavich

April 13-27

Exhibition of Ph.D. Program

April 21

Enrique Norten, Harwell
Hamilton Harris Lecture

April 23

Fashion Show by Art + Design
(Anni Albers Program)

April 28-May 5

Graphic Design Senior
Exhibition

May 6-17

Graduation Exhibition

May 9

Alumni & Friends Reception
in San Diego

May 17

Graduation

June 5-7

Early Childhood Outdoor
Design Institute

June 16-20

Design Camp

July 21-25

Design Day Camp

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